


Requirements for work in the National Park Service

RPRS

Part of our process for UAV approval is to have the cooperator fill out a research permit. <https://irma.nps.gov/rprs/Application/Requirements>

RPRS
National Park Service Research Permit and Reporting System
Part of IRMA

National Park Service
U.S. Department of the Interior
Natural Resource Stewardship and Science



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Requirements to Submit an Application

The following information will be asked for to successfully complete the application process. For more information, see the help page

- Project title (Required)
- Purpose of Study (Required)
- Study start and end dates (Required)
- Identification of any federal funding agencies
- Location of activity in the park
- Method of access
- Names of co-applicants
- If you are collecting specimens, contact information of repositories
- A copy of the study proposal
- A copy of all peer reviews

Paperwork Reduction Act and Privacy Act Notice information related to the Application for Scientific Research and Collecting Permits:

OMB # 1024-0236
Exp. Date 04/30/2017
Form No. 10-741a

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information form is estimated to average 1.38 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding this burden estimate or any aspect of this form to Dr. John G. Dennis, Natural Resources (3130 MIB), National Park Service, 1849 C Street, N.W., Washington, DC 20240.

Privacy Act Notice: Scientific research, education and collecting activities within units of the National Park System that may impact parks invoke a permitting and reporting requirement per regulations at 36 CFR 1.6 (Permits), 36 CFR 2.1 (Preservation of Natural, Cultural and Archeological Resources), and 36 CFR 2.5 (Research Specimens). The National Park Service collects information about permit applicants and permittees to administer and document research, collecting, and reporting activities within parks. The information disclosed on this form is required and may result in denial of permit applications if not provided.

Continue Application Process

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* Required fields

1. Description

2. Location

3. Dates

4. Team Info

5. Data

6. Documents

7. Submit

Study Title *

Collection of high-resolution photography of Devil's Tower National Park (utilizing unmanned aircraft systems)

Purpose of study

Devils Tower National Monument has requested support from the USGS to use an Unmanned Aerial Vehicle (UAV) to map the park. Devils Tower rises 867 feet above the surrounding landscape, and is a prominent monolith of igneous rock. Unmanned aircraft systems (UAS) technology would be used to collect high resolution imagery in order to produce a 3D, digital rendering of the Tower that can be viewed by the public, park staff, researchers, climbers, and search & rescue personnel through an interactive viewer. As an interpretive tool, the viewer would display features of the Tower that most people would otherwise not be able to see, up close and in high resolution detail. The Tower is the monument's primary resource, as identified in its enabling legislation, yet its vertical aspects and summit can only be seen by those with technical rock climbing experience. High resolution imaging would allow park staff to discern fine details of the Tower surface, including climbing anchors and erosional cracks. It will provide snapshot-in-time documentation of rock quality conditions, which can then

Summary of proposed field methods and activities

Unmanned aircraft systems (UAS) technology would be used to collect high resolution imagery in order to produce a 3D, digital rendering of the Tower that can be viewed by the public, park staff, researchers, climbers, and search & rescue personnel through an interactive viewer.

Activity Type *

- ☒ Research
☐ Education
☐ Inventory
☐ Monitoring
☐ Other

Do you anticipate receiving funding assistance from the U.S. Federal Government for this study? *

- ☒ No
☐ Yes

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Use the list below to select the National Park to which you wish to apply for a research permit *

Devils Tower National Monument (DETO)

[View Park Contact Info](#)

Location(s) where you propose activities will take place within the National Park System area(s)

The entire park will be collected with particular focus on Devils Tower (for 3D modeling).

Your proposed methods of access (vehicles, aircraft, boat, snowmobile, foot etc.)

Unmanned aircraft systems (UAS) technology. The systems used can be transported very easily in standard vehicles. Since the extent of the Monument is approximately a square mile with trails throughout, access should be adequate for operations.

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Study Starts *

Field Schedule Start *

Field Schedule End *

Estimated entire Study Ends *

Will field study need to continue within the Park next year? *

☐ Yes

☒ No

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Add Funding Agency



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Co-Investigators [?]

[+ Add Co-Investigator](#)

	Name	Office Email	Office Phone
<input type="checkbox"/>	<input checked="" type="checkbox"/> Jeff Sloan	jlsloan@usgs.gov	303.236.1308
<input type="checkbox"/>	<input checked="" type="checkbox"/> Mark Bauer	mabauer@usgs.gov	303.236.1246
<input type="checkbox"/>	<input checked="" type="checkbox"/> Isaac Anderson	landerson@usgs.gov	303.236.5020
<input type="checkbox"/>	<input checked="" type="checkbox"/> Joe Adams	jdadams@usgs.gov	303.236.2906
<input type="checkbox"/>	<input checked="" type="checkbox"/> Frank Urban	furban@usgs.gov	303.236.4790
<input type="checkbox"/>	<input checked="" type="checkbox"/> Todd Preston	tmpreston@usgs.gov	406.994.5034
<input type="checkbox"/>	<input checked="" type="checkbox"/> Chris Holmquist-Johnson	h-johnsonc@usgs.gov	970.226.9382
<input type="checkbox"/>	<input checked="" type="checkbox"/> Geoff Debenedetto	gdebened@usgs.gov	928.556.7353

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Where will data, maps, photos, etc. (not specimens) reside upon completion of this project? [?]

The data will reside with the USGS and the National Park Service. The NPS can make the decision if the data can be placed into the public domain through their distribution methods or through established USGS public dissemination databases.

If you propose that specimens and/or material originating from such specimens be retained permanently, they will become part of National Park Service collections. You may request that such specimens and/or material originating from such specimens be loaned to one or more non-NPS institutions for management. If you do make this request, you accept responsibility for obtaining and submitting to NPS the signature of the official at each proposed repository using the form attached as Appendix A. Note that all specimens collected and material originating from such specimens remain Federal property.

Specimen Collections [?]

[+ Add Specimen Collection](#)

	Collection Type	Details
 No records were found.		

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Study Proposal File ⓘ ⊕ Add Attachment																								
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Ready to submit your application.

You can always save your work as draft now and submit it later.

Save As Draft Submit

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Application Submitted Successfully

- Your application has been submitted successfully and you will receive an email shortly to confirm this request.
- The application will be reviewed by a Research Coordinator at Devils Tower National Monument.
- You may use [this printable PDF](#) to save and/or print your application for your own personal records.
- If you would like to submit your research study application to another park, use this application as [Template](#) ⓘ. The information you entered for this application (ID 86744) will automatically be carried over to the new application forms.

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